

MANUFACTURING EXTENSION PARTNERSHIP

Success Stories from the Field

TIMCO

Manufacturing-Works

Facility Layout a Precursor to Growth for TIMCO Service and Supply Company

Client Profile:

TIMCO Service and Supply Company, founded in 1966, is a family-owned company that services mining equipment and develops, machines, and produces components for engineering repair and rehabilitation. The company employs 6 people at its facility in Gillette, Wyoming.

Situation:

TIMCO needed to organize its shop floor in order to streamline the shipping of components and assembled products to its customers on a short turnaround basis. This bottleneck in shipping and receiving had a negative affect on employee morale and plant production. TIMCO contacted Manufacturing-Works, a NIST MEP network affiliate, for help.

Solution:

Manufacturing-Works worked with TIMCO to develop a strategy for deployment of goods by concentrating on floor layout and workflow. Manufacturing-Works conducted Lean 101 training to provide the company with a long-term foundation for continuous improvement. After working with the company, Manufacturing-Works recommended changes including rearranging the total infrastructure of the plant to provide an orderly flow in shipping. These changes freed up space and allowed for rapid verification of workflow. The realignment of the shop floor and Lean opportunities have allowed the company to refocus itself on new product development and growth.

Results:

- * Increased monthly sales by \$500 per employee.
- * Invested \$8,000 in equipment and software.
- * Reduced movement within plant by 70 percent.

Testimonial:

"Manufacturing-Works was valuable in putting together the right PE [an application for drawing and design based on Microspot] drawings to allow our new products to be commercialized in record time. We now worry less about waste and savings and can concentrate on new product growth for our future."

Allen Todd, President